ONLINE FOOD DELIVERY WEBSITE

Submitted by:

Sidharth Singh (20BCB0014)
Richa Kiran (20BCE0855)
Zaman Saleel (20BCE2025)
Christina Ann Jacob (20BCE2566)
Sarah John (20BCE2572)

B. Tech

in

Computer Science Engineering

Under the Guidance of

Dr. Mary Mekala A
Assistant Professor Sr. Grade 1

Table of Contents

ABSTRACT

The aim of developing Online Food Ordering system project is to replace the traditional way of taking orders with computerized system. Another important reason for developing this project is to prepare order summary reports quickly and in correct format at any point of time when required. The purpose of Online Food Ordering System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software ,fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Online Food Ordering System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

INTRODUCTION

The main objective of the Project on Online Food Ordering System is to manage the details of Food Item, Category, Customer, Order, Confirm Order. It manages all the information about Food Item, Payment, Confirm Order, Food Item. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Food Item, Category, Payment, Customer. It tracks all the details aboutthe Customer, Order, Confirm Order. Our project aims at Business process automation, i.e. we have tried to computerize various processes of Online Food Ordering System.

- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.
- It satisfy the user requirement
- Be easy to understand by the user and operator
- Be easy to operate
- Have a good user interface
- Be expandable
- Delivered on schedule within the budget

ARCHITECTURE DIAGRAM
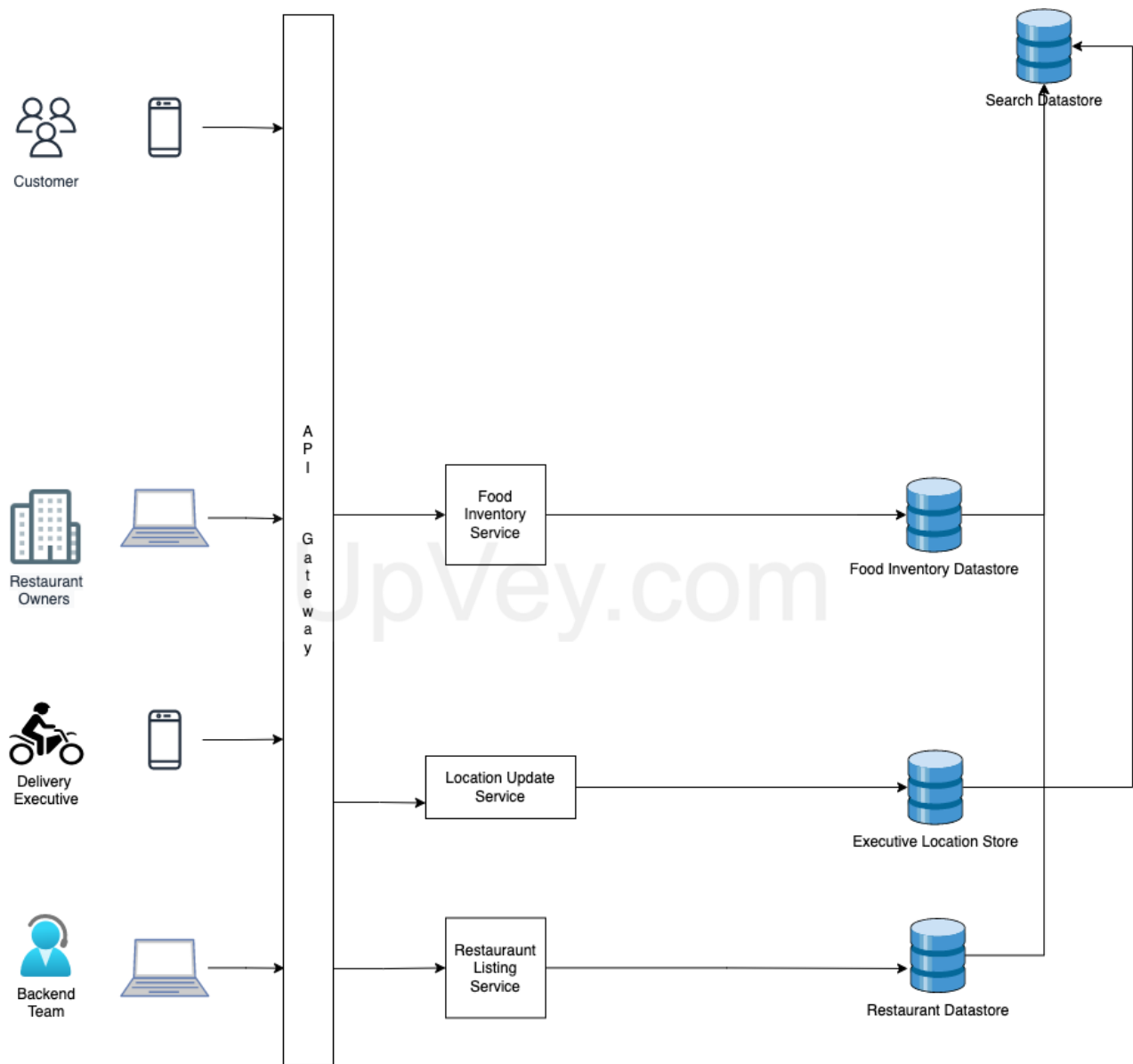
DATA BASE DESIGN
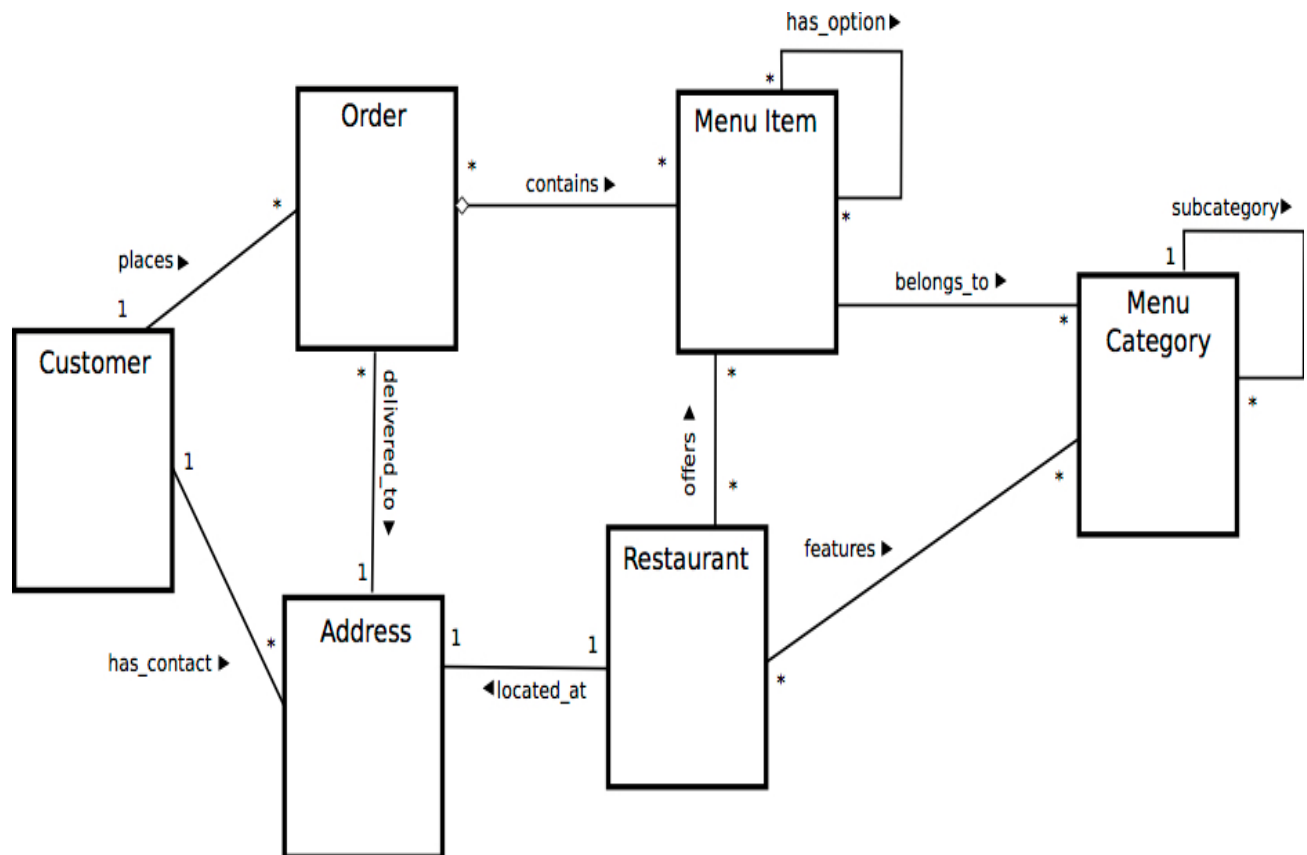
MODULE DESCRIPTION

1. Food Item Management Module – Manages the food item details like its name, display image, caption related to it, price, etc.

2. Confirm Order Module – Manages the details about the confirmed order like the item name, price, quantity ordered and customer's details who ordered the item.

3. Payment Module – Manages the details about the payment done by the customer for the order.

4. Customer Module – Manages the customer details like their name, saved addresses, payment details, phone number, email id.

5. Order Module – Deals with managing the orders done by the customer through the website. It includes all the details abut the order like – customer's information who ordered the item, quantity and price of the item ordered, etc.

6. Login Module – Manages the login details and the account of various users using the website to order food.

7. Users Module – Manages the users of the system.

SAMPLE CODE

Order.php

```php
<?php include('partials-front/menu.php'); ?>

<?php
    //check whether food id is set or not
    if(isset($_GET['food_id']))
    {
        //Get the food id and details of the selected food
        $food_id = $_GET['food_id'];

        //get the details of the selected food
        $sql = "SELECT * FROM tbl_food WHERE  id=$food_id";
        //execute the query
        $res = mysqli_query($conn,$sql);
        //count the rows
        $count = mysqli_num_rows($res);
        //check whether the data is available or not
        if($count==1)
        {
            // we have dtaa
            //get the data from database
            $row = mysqli_fetch_assoc($res);
            $title = $row['title'];
            $price = $row['price'];
            $image_name = $row['image_name'];

        }
        else
        {
            //food not available
            //redirect to home page
            header('location:'.SITEURL);
        }
    }
    else
    {
        //redirect to homepage
        header('location:'.SITEURL);
```

```php
        }
    ?>



    <!-- fOOD sEARCH Section Starts Here -->
    <section class="food-search">
        <div class="container">

            <h2 class="text-center text-white">Fill this form to confirm your
order.</h2>

            <form action="" method="POST" class="order">
                <fieldset>
                    <legend>Selected Food</legend>

                    <div class="food-menu-img">

                        <?php

                            //check whether the image is available or not
                            if($image_name =="")
                            {
                                //image not available
                                echo "<div class='error'> Image not
available.</div>";

                            }
                            else
                            {
                                //image is available
                                ?>
                                <img src ="<?php echo SITEURL;?>images/food/<?php
echo $image_name ?>" alt= "Chicken Hawain Pizza" class="img-responsive img-
curve">

                                <?php
                            }

                        ?>
                    </div>


                    <div class="food-menu-desc">
                        <h3><?php echo $title;?></h3>
```

```php
                            <input type="hidden" name="food" value="<?php echo
$title;?>">

                            <p class="food-price">$<?php echo $price;?></p>
                            <input type="hidden" name="price" value ="<?php echo
$price?>">

                            <div class="order-label">Quantity</div>
                            <input type="number" name="qty" class="input-responsive"
value="1" required>

                    </div>

                </fieldset>

                <fieldset>
                    <legend>Delivery Details</legend>
                    <div class="order-label">Full Name</div>
                    <input type="text" name="full-name" placeholder="E.g.
Sidharth Singh" class="input-responsive" required>

                    <div class="order-label">Phone Number</div>
                    <input type="tel" name="contact" placeholder="E.g.
79916xxxxx" class="input-responsive" required>

                    <div class="order-label">Email</div>
                    <input type="email" name="email" placeholder="E.g.
sidharthsingh7111@gmail.com" class="input-responsive" required>

                    <div class="order-label">Address</div>
                    <textarea name="address" rows="10" placeholder="E.g. Street,
City, Country" class="input-responsive" required></textarea>

                    <input type="submit" name="submit" value="Confirm Order"
class="btn btn-primary">
                </fieldset>

            </form>

            <?php

            //check whether submit button is clicked or not
            if(isset($_POST['submit']))
            {
                //get all the details from the form
```

```php
$food=$_POST['food'];
$price  = $_POST['price'];
$qty = $_POST['qty'];

$total = $price * $qty; // total =  price * qty

$order_date = date("Y-m-d h:i:sa"); //order date

$status = "Ordered"; // ordered,on delivery,delivered,cancelled

$customer_name = $_POST['full-name'];
$customer_contect = $_POST['contact'];
$customer_email = $_POST['email'];
$customer_address=$_POST['address'];

//save the order in database
//create sql to save data

$sql2 ="INSERT INTO tbl_order SET
food='$food',
price=$price,
qty=$qty,
total=$total,
order_date = '$order_date',
status='$status',
customer_name = '$customer_name',
customer_contect = '$customer_contect',
customer_email = '$customer_email',
customer_address = '$customer_address'
";

//echo $sql2; die();

//execute the query
$res2 = mysqli_query($conn,$sql2);

//Check whether query executed successfully or not
if($res2==true)
{
    //Query executed and order saved
    $_SESSION['order'] = "</div class='success text-center'>Food
Ordered successfully </div>";
    header('location:'.SITEURL);
}
else
```

```php
                {
                    //Failed to Save order
                    $_SESSION['order'] = "</div class='error text-center'>Failed
to order Food</div>";
                    header('location:'.SITEURL);
                }


            }
        ?>


    </div>
    </section>
    <!-- fOOD sEARCH Section Ends Here -->


    <?php include('partials-front/footer.php'); ?>
```

Index.php

```php
<?php include('partials-front/menu.php'); ?>

    <!-- fOOD sEARCH Section Starts Here -->
    <section class="food-search text-center">
        <div class="container">

            <form action="<?php echo SITEURL; ?>food-search.php" method="POST">
                <input type="search" name="search" placeholder="Search for
Food.." required>
                <input type="submit" name="submit" value="Search" class="btn btn-
primary">
            </form>

        </div>
    </section>
    <!-- fOOD sEARCH Section Ends Here -->

    <?php
        if(isset($_SESSION['order']))
        {
            echo $_SESSION['order'];
            unset($_SESSION['order']);
```

```php
            }
    ?>


    <!-- CAtegories Section Starts Here -->
    <section class="categories">
        <div class="container">
            <h2 class="text-center">Explore Foods</h2>


        <?php
            //Create SQL Query to Display Categories from Database
            $sql = "SELECT * FROM tbl_category WHERE active='Yes' AND
featured='Yes'  LIMIT 3";
            //Execute the Query
            $res = mysqli_query($conn, $sql);
            //Count rows to check whether the category is available or not
            $count = mysqli_num_rows($res);
            if($count>0)
            {
                //CAtegories Available
              while($row=mysqli_fetch_assoc($res))
              {
                //Get the Values like id, title, image_name
                $id = $row['id'];
                $title= $row['title'];
                $image_name=$row['image_name'];
                ?>
                <a href="<?php echo SITEURL; ?>category-
foods.php?category_id=<?php echo $id; ?>">
                    <div class="box-3 float-container">
                        <?php
                            // Check whether image is available or not
                            if($image_name=="")
                            {
                                // Display Message
                                echo "<div class='error'> Image Not
Available.</div>";

                            }
                            else
                            {
                                //Image Available
                                ?>
```

```php
                                        <img src="<?php echo SITEURL;
?>images/category/<?php echo $image_name;?>" alt="Pizza" class="img-responsive
img-curve">
                                    <?php
                                }
                            ?>

                            <h3 class="float-text text-white"><?php echo
$title;?></h3>
                        </div>
                    </a>
                    <?php
                }

            }
            else
            {

                //Categories not Available
                echo "<div class='error'>Category not Added.</div>";
            }
        ?>
    <div class="clearfix"></div>
    </div>
</section>
<!-- Categories Section Ends Here -->

<!-- fOOD MEnu Section Starts Here -->
<section class="food-menu">
    <div class="container">
        <h2 class="text-center">Food Menu</h2>

        <?php

            //Getting food from database that are active and featured
            //SQL Query
            $sql2="SELECT * FROM tbl_food WHERE active='Yes' and
featured='Yes' LIMIT 6";

            //Execute the Query
            $res2=mysqli_query($conn,$sql2);

            //Count Rows
            $count2 = mysqli_num_rows($res2);
```

```php
            ////Check Whether food Available or not
            if($count2>0)
            {
                //Food Available
                while($row=mysqli_fetch_assoc($res2))
                {
                    //Get all the values
                    $id=$row['id'];
                    $title=$row['title'];
                    $price=$row['price'];
                    $description=$row['description'];
                    $image_name=$row['image_name'];
                    ?>

                <div class="food-menu-box">
                    <div class="food-menu-img">

                        <?php
                            //Check whether image available or not
                            if($image_name=="")
                            {
                                //Image Not Available
                                echo "<div class='error'>Image Not
Available.</div>";
                            }
                            else
                            {
                                ?>
                                <img src="<?php echo SITEURL;
?>images/food/<?php echo $image_name;?>" alt="Pizza" class="img-responsive img-
curve">
                                <?php
                            }
                        ?>

                    </div>

                    <div class="food-menu-desc">
                        <h4><?php echo $title;?></h4>
                        <p class="food-price">$<?php echo $price;?></p>
                        <p class="food-detail">
                        <?php echo $description;?>
                        </p>
                        <br>
```

```php
                            <a href="<?php echo SITEURL;
?>order.php?food_id=<?php echo $id;?>" class="btn btn-primary">Order Now</a>
                        </div>
                    </div>

                        <?php
                }
            }
            else
            {
                //Food Not Available
                echo "<div class='error'>Food Not Available.</div>";
            }

        ?>



            <div class="clearfix"></div>



        </div>

        <p class="text-center">
            <a href="#">See All Foods</a>
        </p>
    </section>
    <!-- fOOD Menu Section Ends Here -->



<?php include('partials-front/footer.php'); ?>
```

food_search.php

```php
<?php include('partials-front/menu.php'); ?>
    <!-- fOOD sEARCH Section Starts Here -->
    <section class="food-search text-center">
```

```php
        <div class="container">
            <?php
                //Get the search keyword
                $search=$_POST['search'];
            ?>

            <h2>Foods on Your Search <a href="#" class="text-white">"<?php echo
$search ;?>"</a></h2>

        </div>
    </section>
    <!-- fOOD sEARCH Section Ends Here -->


    <!-- fOOD MEnu Section Starts Here -->
    <section class="food-menu">
        <div class="container">
            <h2 class="text-center">Food Menu</h2>
            <?php

                //Sql query to get foods based on search keyword
                $sql="SELECT * from tbl_food where title like '%$search%' or
description like '%$search%' ";

                //Execute the query
                $res=mysqli_query($conn,$sql);

                //Count rows
                $count=mysqli_num_rows($res);

                //Check whether food available or not
                if($count>0)
                {
                    //Food available
                    while($row= mysqli_fetch_assoc($res))
                    {
                        //Get the details
                        $id=$row['id'];
                        $title=$row['title'];
                        $price=$row['price'];
                        $description=$row['description'];
                        $image_name=$row['image_name'];

                        ?>
```

```php
                    <div class="food-menu-box">
                        <div class="food-menu-img">
                            <?php
                                //Check whether image is available or not
                                if($image_name=="")
                                {
                                    //Image not available
                                    echo "<div class='error'>Image not
available.</div>";
                                }
                                else
                                {
                                    //Image available
                                ?>
                                    <img src="<?php echo
SITEURL;?>images/food/<?php echo $image_name;?>" alt="Chicke Hawain Pizza"
class="img-responsive img-curve">
                                <?php
                                }
                            ?>

                        </div>

                        <div class="food-menu-desc">
                            <h4><?php echo $title;?></h4>
                            <p class="food-price"><?php echo
$price;?></p>

                            <p class="food-detail">
                            <?php echo $description;?>
                            </p>
                            <br>

                            <a href="#" class="btn btn-primary">Order
Now</a>
                        </div>
                    </div>

                <?php
                }
            }
            else
            {
                //food not available
                echo "<div class='error'> Food Not Found.</div>";
            }
```

```php
        ?>



            <div class="clearfix"></div>



        </div>

    </section>
    <!-- fOOD Menu Section Ends Here -->

    <?php include('partials-front/footer.php'); ?>
```

foods.php

```php
<?php include('partials-front/menu.php'); ?>

    <!-- fOOD sEARCH Section Starts Here -->
    <section class="food-search text-center">
        <div class="container">

            <form action="<?php echo SITEURL;?>food-search.php" method="POST">
                <input type="search" name="search" placeholder="Search for
Food.." required>
                <input type="submit" name="submit" value="Search" class="btn btn-
primary">
            </form>

        </div>
    </section>
    <!-- fOOD sEARCH Section Ends Here -->



    <!-- fOOD MEnu Section Starts Here -->
    <section class="food-menu">
        <div class="container">
            <h2 class="text-center">Food Menu</h2>

            <?php
```

```php
                //Display Foods that are active
                //SQL Query
                $sql="SELECT * FROM tbl_food WHERE active='Yes'";

                //Execute the Query
                $res=mysqli_query($conn,$sql);

                //Count Rows
                $count = mysqli_num_rows($res);

                //Check Whether food Available or not
                if($count>0)
                {
                    //Foods Available
                    while($row=mysqli_fetch_assoc($res))
                    {
                        //Get all the values
                        $id=$row['id'];
                        $title=$row['title'];
                        $price=$row['price'];
                        $description=$row['description'];
                        $image_name=$row['image_name'];
                        ?>

                    <div class="food-menu-box">
                        <div class="food-menu-img">

                            <?php
                                //Check whether image available or not
                                if($image_name=="")
                                {
                                    //Image Not Available
                                    echo "<div class='error'>Image Not
Available.</div>";
                                }
                                else
                                {
                                    ?>
                                    <img src="<?php echo SITEURL;
?>images/food/<?php echo $image_name;?>" alt="Pizza" class="img-responsive img-
curve">

                                    <?php
                                }
                            ?>
```

```php
                    </div>

                    <div class="food-menu-desc">
                        <h4><?php echo $title;?></h4>
                        <p class="food-price">$<?php echo $price;?></p>
                        <p class="food-detail">
                        <?php echo $description;?>
                        </p>
                        <br>

                        <a href="<?php echo SITEURL;
?>order.php?food_id=<?php echo $id;?>" class="btn btn-primary">Order Now</a>
                    </div>
                </div>

                <?php
            }
        }
        else
        {
            //Food Not Available
            echo "<div class='error'>Food Not Available.</div>";
        }


    ?>



        <div class="clearfix"></div>


    </div>

</section>
<!-- fOOD Menu Section Ends Here -->

<?php include('partials-front/footer.php'); ?>
```

categories.php

```php
<?php include('partials-front/menu.php'); ?>

    <!-- CAtegories Section Starts Here -->
    <section class="categories">
        <div class="container">
            <h2 class="text-center">Explore Foods</h2>


            <?php
                //Display all the categories that are active
                //sql query
                $sql= "SELECT * FROM tbl_category WHERE active='YES'";

                //Execute the Query
                $res=mysqli_query($conn,$sql);

                //Count Rows
                $count=mysqli_num_rows($res);

                //Chwck whether categories or not
                if($count>0)
                {
                    //Categories Available
                    while($row=mysqli_fetch_assoc($res))
                    {
                        //Get the Values
                        $id=$row['id'];
                        $title=$row['title'];
                        $image_name=$row['image_name'];
                        ?>

                            <a href="<?php echo SITEURL; ?>category-
foods.php?category_id=<?php echo $id; ?>">
                                <div class="box-3 float-container">
                                    <?php
                                        if($image_name=="")
                                        {
                                            //Image Not Available
                                            echo "<div class='error'>Category Not
Found.</div>";

                                        }
                                        else
```
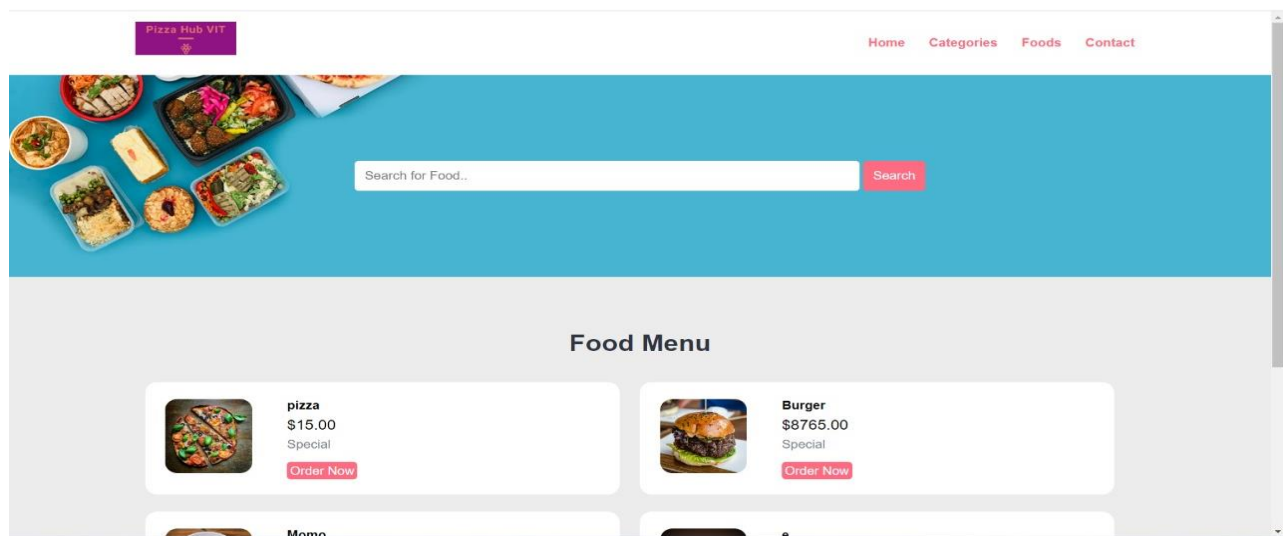
```php
                                                {
                                                    //Image Available
                                                    ?>
                                                    <img src="<?php echo SITEURL;
?>images/category/<?php echo $image_name; ?>" alt="Pizza" class="img-responsive
img-curve">
                                                    <?php
                                                }
                                            ?>
                                            <h3 class="float-text text-white"><?php echo
$title;?></h3>
                                        </div>
                                    </a>


                            <?php
                        }
                    }
                    else
                    {
                        //Categories Not Available
                        echo "<div class='error'>Category Not Found.</div>";
                    }



                ?>
                <div class="clearfix"></div>
            </div>
        </section>
        <!-- Categories Section Ends Here -->


        <?php include('partials-front/footer.php'); ?>
```

SCREENSHOTS

1. Home page
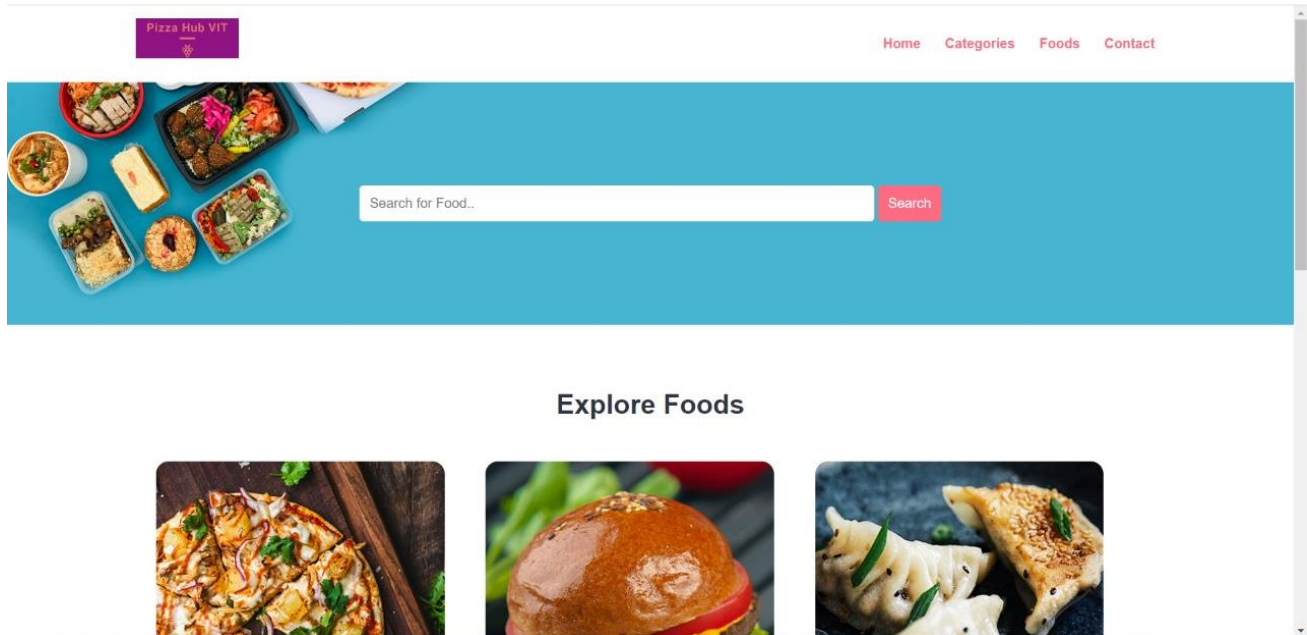
2. Categories
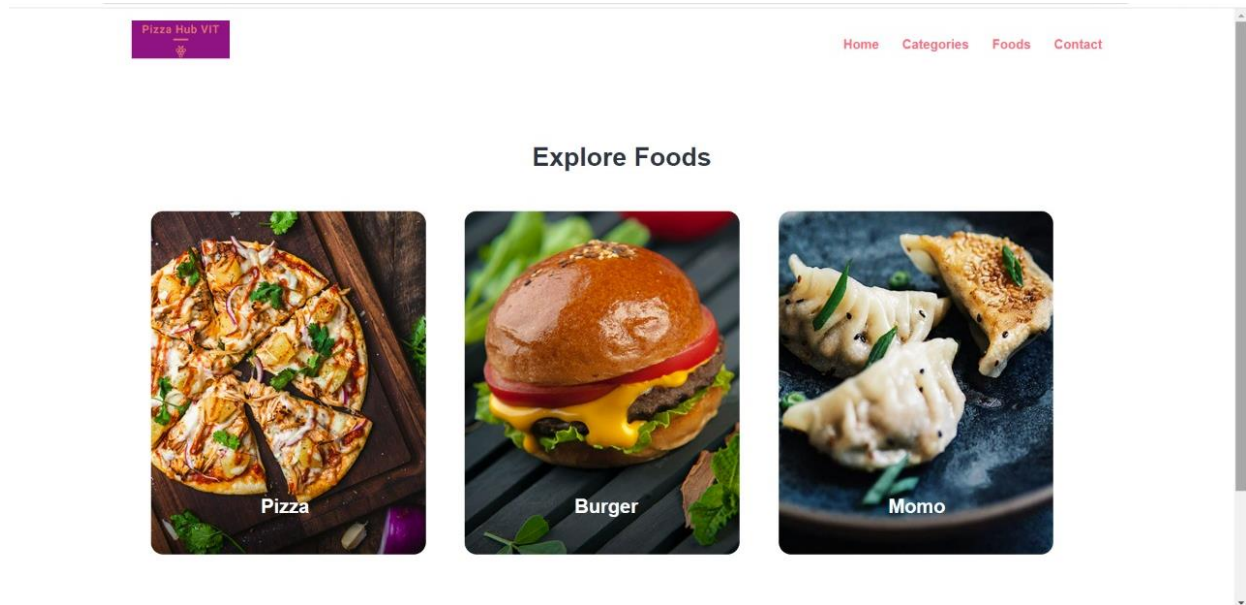
3. Foods

4. Order

Fill this form to confirm your order.

Selected Food

Burger
$8765.00
Quantity
1

Delivery Details

Full Name
E.g. Sidharth Singh

Phone Number
E.g. 79916xxxxx

Email
E.g. sidharthsingh7111@gmail.com

Address
E.g. Street, City, Country

Confirm Order

Backend :

1.Login

2. Manage order

3.Manage food

Manage Food

Add Food

S.N.	Title	Price	Image	Featured	Active	Actions
1.	pizza	$15.00		Yes	Yes	Update food Delete food
2.	Burger	$8765.00		Yes	Yes	Update food Delete food
3.	Momo	$34.00		Yes	Yes	Update food Delete food
4.	e	$3.00	S	Yes	Yes	Update food Delete food

4.Manage category

Manage Category

Add Category

S.N.	Title	Image	Featured	Active	Actions
1	Pizza		Yes	Yes	Update Category Delete Category
2	Burger		Yes	Yes	Update Category Delete Category
3	Momo		Yes	Yes	Update Category Delete Category

5.Manage admin

Manage Admin

Add Admin

S.N.	Full Name	Username	Actions
1	f	f	**Update Password** **Update Admin** **Delete Admin**
2	admin	admin	**Update Password** **Update Admin** **Delete Admin**
3	c	c	**Update Password** **Update Admin** **Delete Admin**

Copyright © Pizza Hub VIT, Vellore-632 014.

6.Dashboard

Dashboard

Login Successfully.

3	4	4	$120.00
Categories	Foods	Total Order	Revenue Generated

Copyright © Pizza Hub VIT, Vellore-632 014.

CONCLUSION:

Finally, for the online meal ordering system, we created a secure, user-friendly food ordering administration system. Whether they are Administrators or Customers, this system can look after them all. This system will let them manage client meals, delivery boy data, and expand without creating any disruption. This system is completely secure because each user is assigned a unique user ID and password, preventing unauthorised access. With online payment, registration, and cancellation, it's a lot easier to use. As a result, using this strategy will help to minimise labour expenses while also giving clients more opportunity to enjoy the services.